



9-14-06

IFW

CASE ON/4-32910A

FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

EV 72727458US
Express Mail Label Number

9/13/06
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

GARCIA-ECHEVERRIA ET AL.

INTERNATIONAL APPLICATION NO: PCT/EP2004/002616

FILED: 12 MARCH 2004

U.S. APPLICATION NO: 10/549,250

35 USC §371 DATE: 18 MAY 2006

FOR: 2,4-DI (PHENYLAMINO) PYRIMIDINES USEFUL IN THE
TREATMENT OF NEOPLASTIC DISEASES, INFLAMMATORY AND
IMMUNE SYSTEM DISORDERS

MS: Amendment

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The asterisked references were cited in the International Search Report and since copies of said references were forwarded by the International Bureau, only copies of the non-

asterisked references are enclosed. Copies of the British Search Reports dated August 8, 2003 and December 15, 2003 are also enclosed. The references cited therein are enclosed other than those that were also cited in the International Search Report.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Novartis
Corporate Intellectual Property
One Health Plaza, Building 104
East Hanover, NJ 07936-1080
(862) 778-7898


Lydia T. McNally
Attorney for Applicants
Reg. No. 36,214

Date: *Sept 13, 2006*

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.

ON/4-32910A

APPLICATION NO.

10/549,250

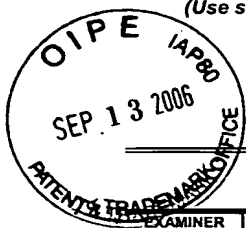
APPLICANT

GARCIA-ECHEVERRIA ET AL.

FILING DATE

May 18, 2006

Group



U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|----|-----------------|---------|----------|-------|----------|-------------|
| | AA | 3,432,493 | 9/7/01 | Short | | | |
| | AB | 6,593,326 | 7/6/00 | Bradbury | | | |
| | AC | 6,235,746 | 5/22/01 | Davis | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|----------|--------|-------|----------|--------------------------|--------------------------|
| | | | | | | | YES | NO |
| | AM | 03/018021* | 3/6/03 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AN | 1 054 004* | 11/22/00 | EP | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AO | 01/60816* | 8/23/01 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AP | 00/39101* | 7/6/00 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AQ | 97/19065* | 5/29/97 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

| | | |
|--|----|---|
| | AR | Ghosh et al., "2,4-Bis(Arylamino)-5-methylpyrimidines as antimicrobial agents," Journal of Medicinal Chemistry, Vol. 10, No. 5, page 974 (1967)* |
| | AS | Ghoneim et al., "Synthesis and evaluation of some 2-, 4- and 2, 4-Di-Substituted-6-Methylpyrimidine Derivatives for Antimicrobial Activity," Journal of the Indian Chemical Society, Vol. 63, No. 10, pp. 914-917 (1986)* |
| | AT | Ghosh D., "2,4-Bis(arylamino)-6-methylpyrimidines as antimicrobial agents," Journal of the Indian Chemical Society, Vol. 58, No. 5, pp. 512-513 (1981)* |

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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(Use several sheets if necessary)

ATTY. DOCKET NO.
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|----|-----------------|------|------|-------|----------|-------------|
| | BA | | | | | | |
| | BB | | | | | | |
| | BC | | | | | | |
| | BD | | | | | | |
| | BE | | | | | | |
| | BF | | | | | | |
| | BG | | | | | | |
| | BH | | | | | | |
| | BI | | | | | | |
| | BJ | | | | | | |
| | BK | | | | | | |
| | BL | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|---------|--------|-------|----------|--------------------------|--------------------------|
| | | | | | | | YES | NO |
| | BM | 01/65655* | 9/7/01 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | BN | 03/078404* | 9/25/03 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | BO | 2004/002964* | 1/8/04 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | BP | 03/030909* | 4/17/03 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | BQ | 03/063794* | 8/7/03 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

| | | |
|--|----|--|
| | BR | |
| | BS | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|----|-----------------|----------|--------|-------|----------|--------------------------|--------------------------|
| | | | | | | | YES | NO |
| | CA | 01/64654 | 9/17/01 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CB | 01/64656 | 9/7/01 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CC | 01/64655 | 9/7/01 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CD | 2005/016894 | 2/24/05 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CE | 00/12485 | 3/9/00 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CF | 99/50250 | 10/7/99 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CG | 03/066601 | 8/14/03 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CH | 03/095448 | 11/20/03 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CI | 2004/074244 | 9/2/04 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CJ | 2004/080980 | 9/23/04 | WO | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CK | 1 184 376 | 3/6/02 | EP | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CL | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CM | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CN | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CO | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CP | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CQ | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
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| | CX | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CY | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | CZ | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

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4



INVESTOR IN PEOPLE

Application No: GB 0305929.2
Claims searched: 1-13

Examiner: Darren Handley
Date of search: 8 August 2003

Patents Act 1977 : Search Report under Section 17

Documents considered to be relevant:

| Category | Relevant to claims | Identity of document and passage or figure of particular relevance | |
|----------|--------------------|--|--|
| X | 1-3, 9-12 | WO 01/64654 A1 | (ASTRAZENECA) - see page 1, lines 3-10, claim 1 & 11 and the examples |
| X | 1-3, 9-12 | WO 01/64656 A1 | (ASTRAZENECA) - see page 1, lines 3-11, claims 1 & 10 and the examples |
| X | 1-3, 9-10 | US 3432493 A | (SHORT) - see column 1, lines 41-60 and example 3 |

Categories:

| | | | |
|---|---|---|--|
| X | Document indicating lack of novelty or inventive step | A | Document indicating technological background and/or state of the art. |
| Y | Document indicating lack of inventive step if combined with one or more other documents of same category. | P | Document published on or after the declared priority date but before the filing date of this invention. |
| & | Member of the same patent family | E | Patent document published on or after, but with priority date earlier than, the filing date of this application. |

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC^v:

Worldwide search of patent documents classified in the following areas of the IPC⁷:

C07D

The following online and other databases have been used in the preparation of this search report:

WPI, EPODOC, JAPIO, CAS-ONLINE